

FIG.1

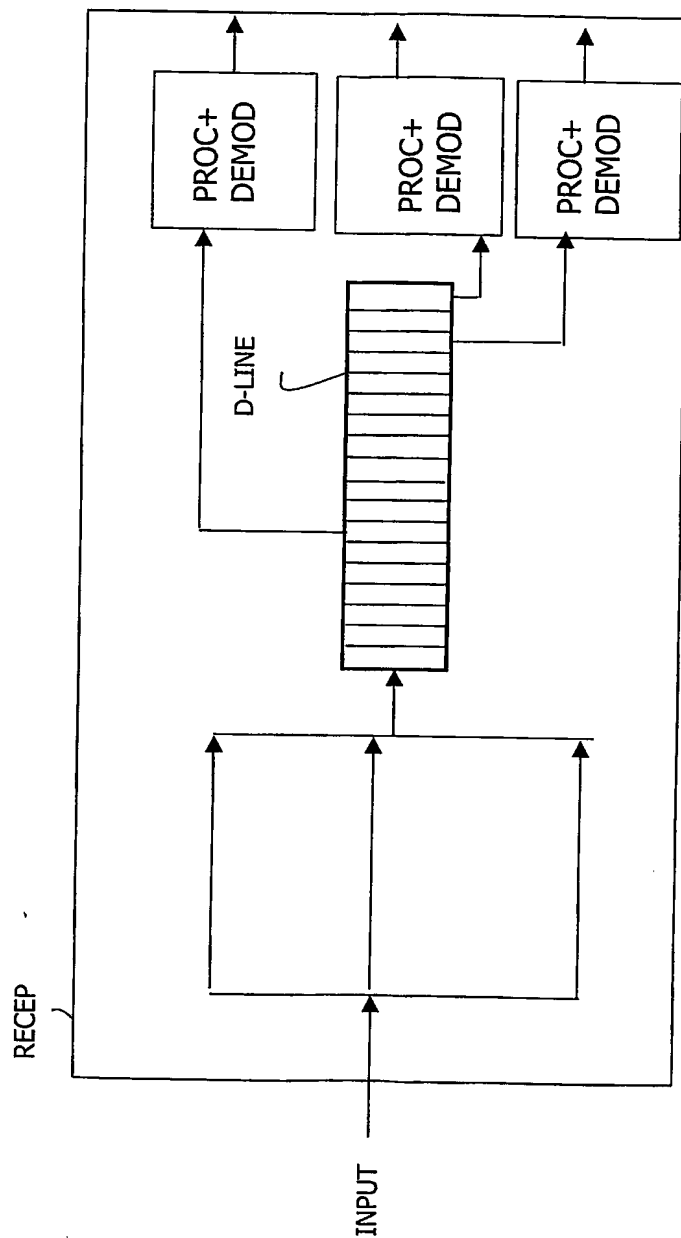


FIG.2

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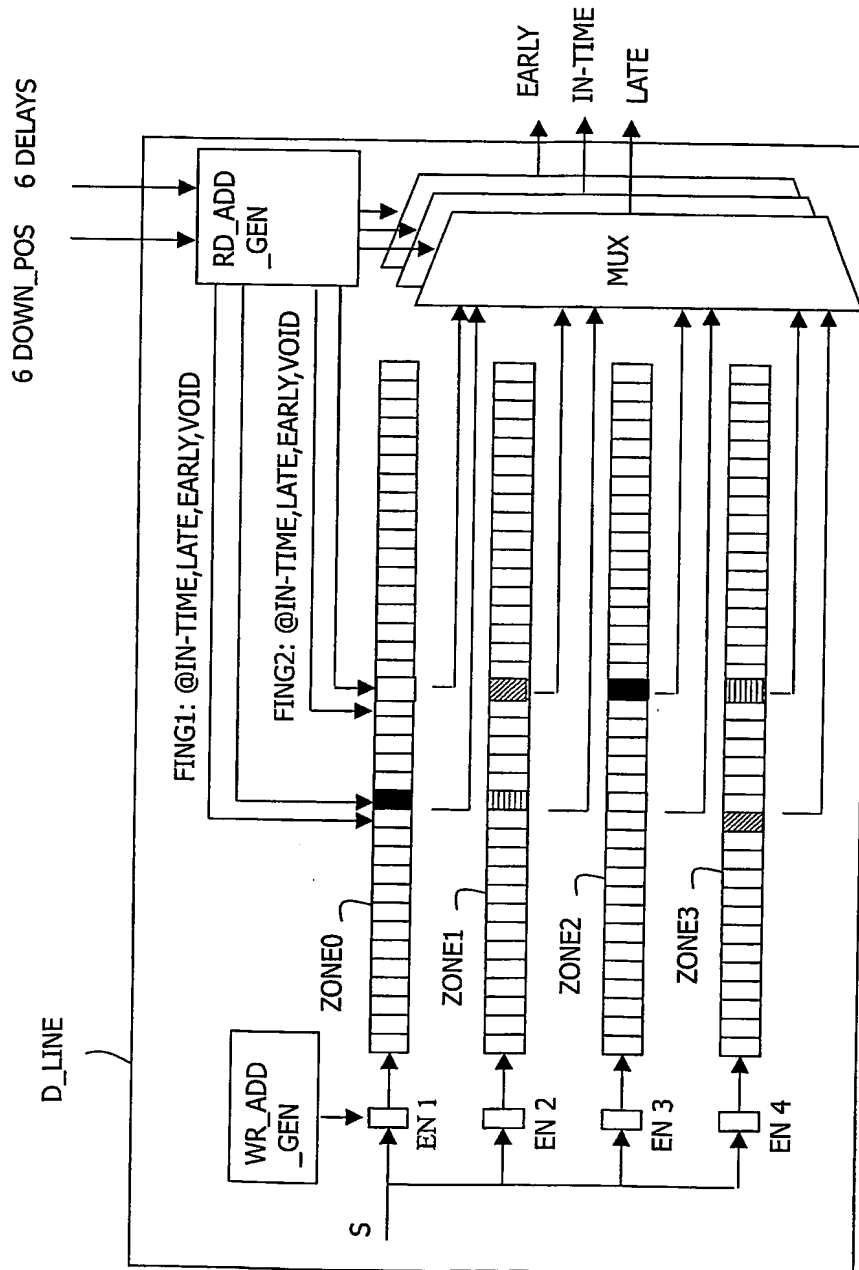


FIG.3

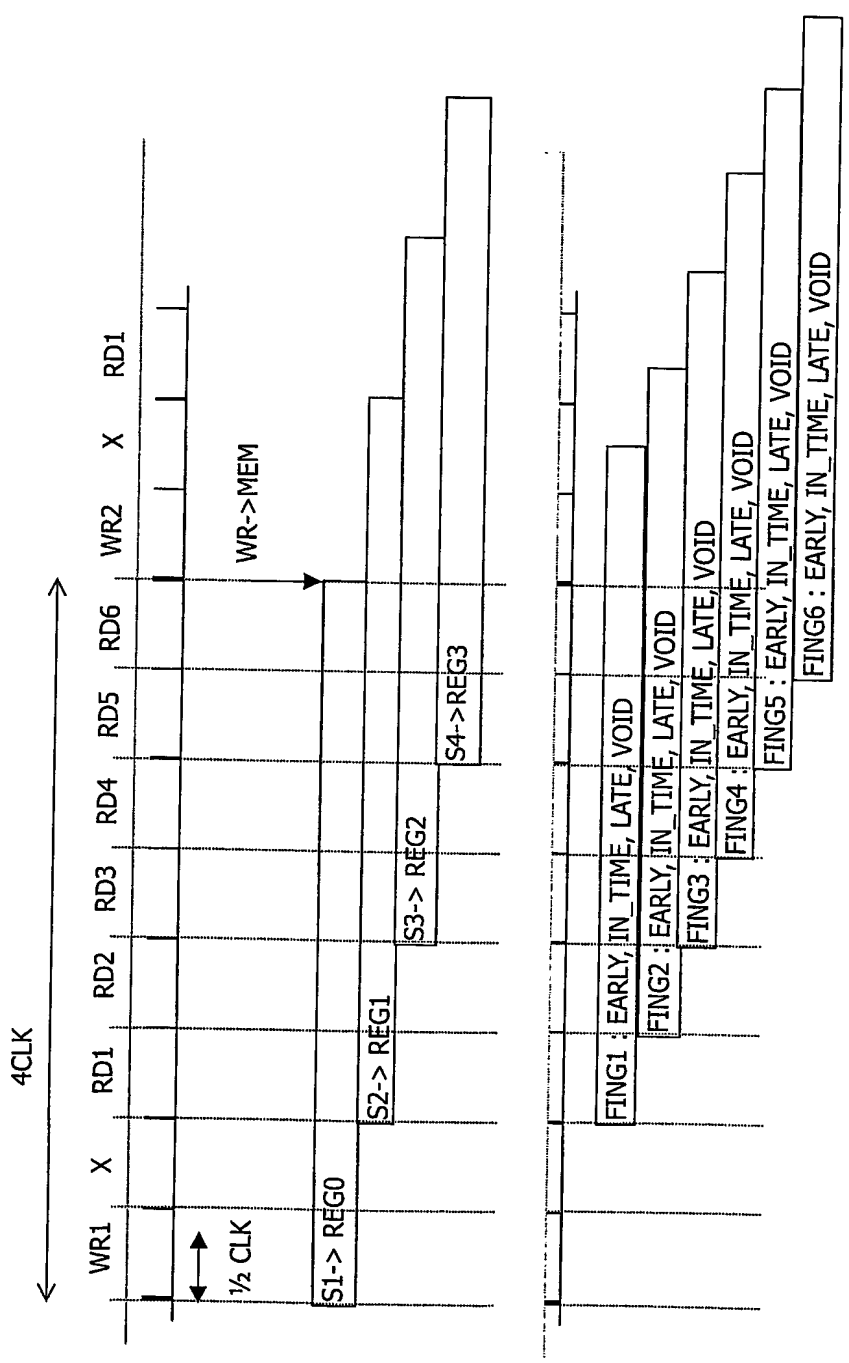


FIG.4

DOWN_POS=0		DOWN_POS=1		DOWN_POS=2		DOWN_POS=3	
ZONE0	IN_TIME		EARLY				LATE
ZONE1	LATE		IN_TIME	EARLY			
ZONE2			LATE	IN_TIME		EARLY	
ZONE3	EARLY			LATE		IN_TIME	

FIG.5

DOWN_POS=0		DOWN_POS=1		DOWN_POS=2		DOWN_POS=3	
@RD: ZONE0	@RD	@RD	@RD	@RD	@RD+1		
@RD: ZONE1	@RD	@RD	@RD	@RD	@RD		
@RD: ZONE2	@RD	@RD	@RD	@RD	@RD		
@RD: ZONE3	@RD-1	@RD	@RD	@RD	@RD		

FIG.6

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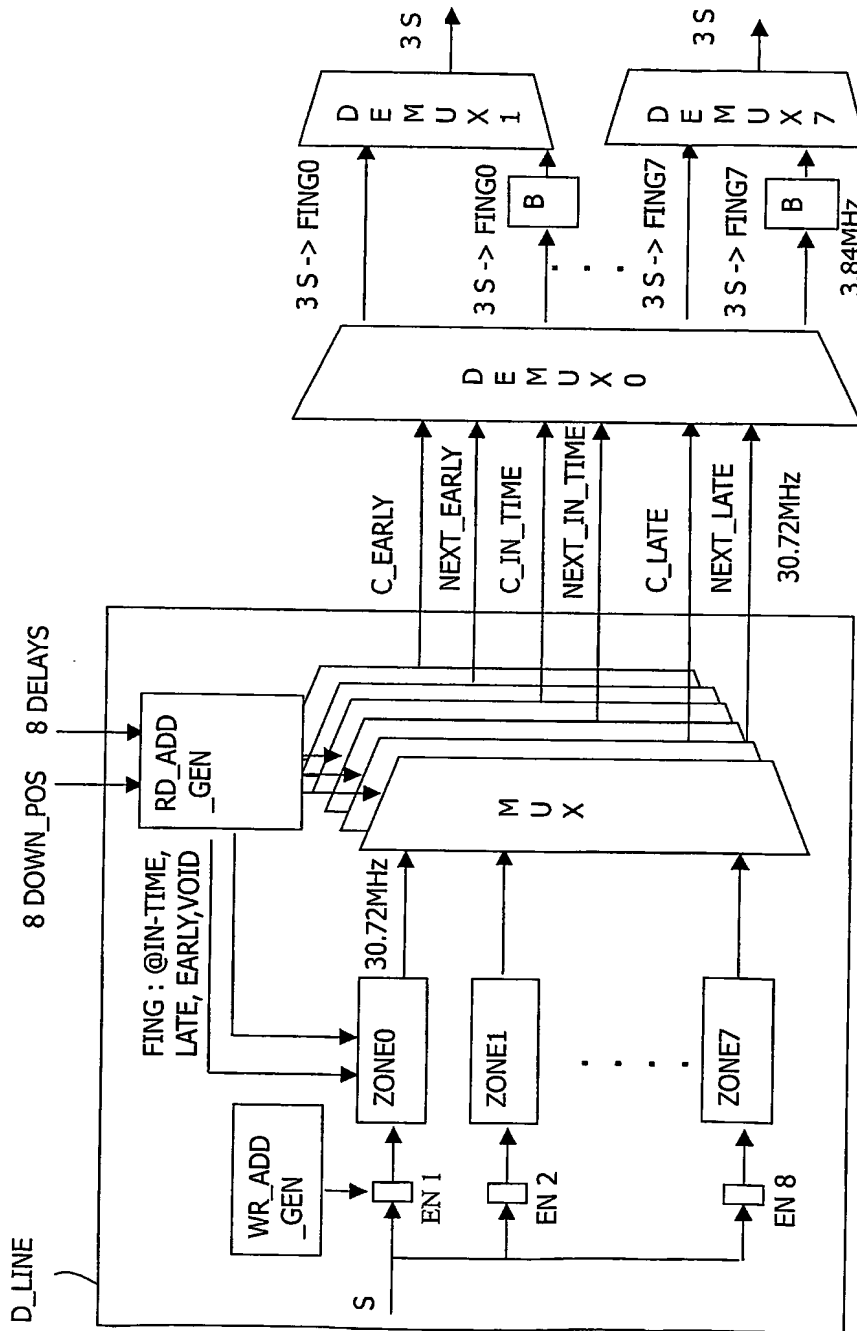


FIG. 7

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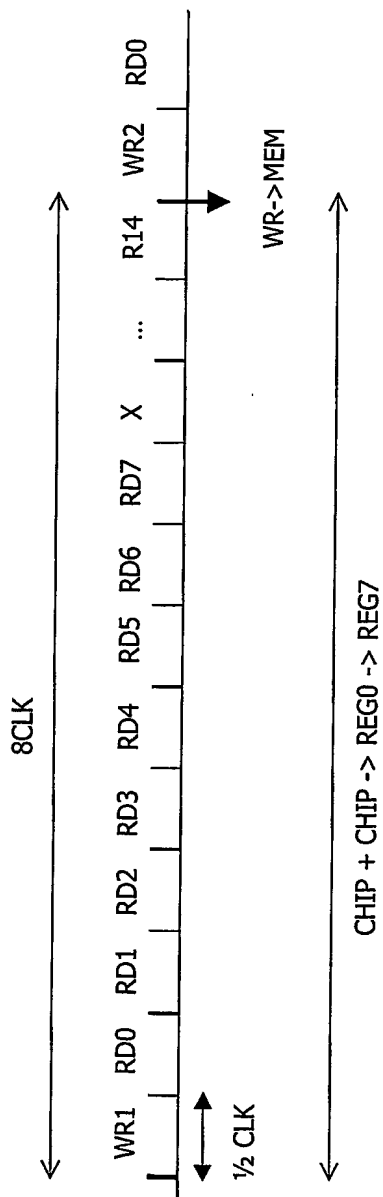


FIG.8

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ADD	0	1	2	3	4	5	6	7	253	254	255
ZONE0	0	8	16	24	32	40	48	56	...	...	2040
ZONE1	1	9	17	25	33	41	49	57	...	...	2041
ZONE2	2	10	18	26	34	42	50	58	...	...	2042
ZONE3	3	11	19	27	35	43	51	59	...	...	2043
ZONE4	4	12	20	28	36	44	52	60	...	...	2044
ZONE5	5	13	21	29	37	45	53	61	...	...	2045
ZONE6	6	14	22	30	38	46	54	62	...	...	2046
ZONE7	7	15	23	31	39	47	55	63	...	...	2047

FIG.9

BANK0						CHIP0 DELAY=5	CHIP2 DELAY=3	CHIP4 DELAY=1			
BANK1						CHIP1 DELAY=4	CHIP3 DELAY=2	CHIP5 DELAY=0			

RD\_PTR      WR\_PTR

FIG.10



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	DOWN_POS=0	DOWN_POS=1	DOWN_POS=2	DOWN_POS=3
C_BANK = BANK0	@RD, ZONE0, ZONE1 @RD-1, ZONE7	@RD, ZONE0 @RD, ZONE1, ZONE2	@RD, ZONE1 @RD, ZONE2, ZONE3	@RD, ZONE2 @RD, ZONE3, ZONE4
NEXT_BANK = BANK1	@RD, ZONE3 @RD, ZONE4, ZONE5	@RD, ZONE4 @RD, ZONE5, ZONE6	@RD, ZONE5 @RD, ZONE6, ZONE7	@RD, ZONE6, ZONE7 @RD+1, ZONE0
C_BANK = BANK1	@RD, ZONE3 @RD, ZONE4, ZONE5	@RD, ZONE4 @RD, ZONE5, ZONE6	@RD, ZONE5 @RD, ZONE6, ZONE7	@RD, ZONE6, ZONE7 @RD+1, ZONE0
NEXT_BANK = BANK0	@RD, ZONE7 @RD+1, ZONE0, ZONE1	@RD+1, ZONE0 @RD+1, ZONE1, ZONE2	@RD+1, ZONE1 @RD+1, ZONE2, ZONE3	@RD+1, ZONE2 @RD+1, ZONE3, ZONE4

FIG.11

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	DOWN_POS=0	DOWN_POS=1	DOWN_POS=2	DOWN_POS=3
GROUPA = (C_BANK, NEXT_BANK = BANK0)	@RD, ZONE0, ZONE1 @RD-1, ZONE7	@RD, ZONE0 @RD, ZONE1, ZONE2	@RD, ZONE1 @RD, ZONE2, ZONE3	@RD, ZONE2 @RD, ZONE3, ZONE4
GROUPB = (C_BANK, NEXT_BANK = BANK1)	@RD, ZONE3 @RD, ZONE4, ZONE5	@RD, ZONE4 @RD, ZONE5, ZONE6	@RD, ZONE5 @RD, ZONE6, ZONE7	@RD, ZONE6, ZONE7 @RD+1, ZONE0

FIG.12

	C_SELECT	NEXT_SELECT
C_BANK = 0	GROUPA_SEL	GROUPB_SEL
C_BANK = 1	GROUPB_SEL	GROUPA_SEL

FIG.13

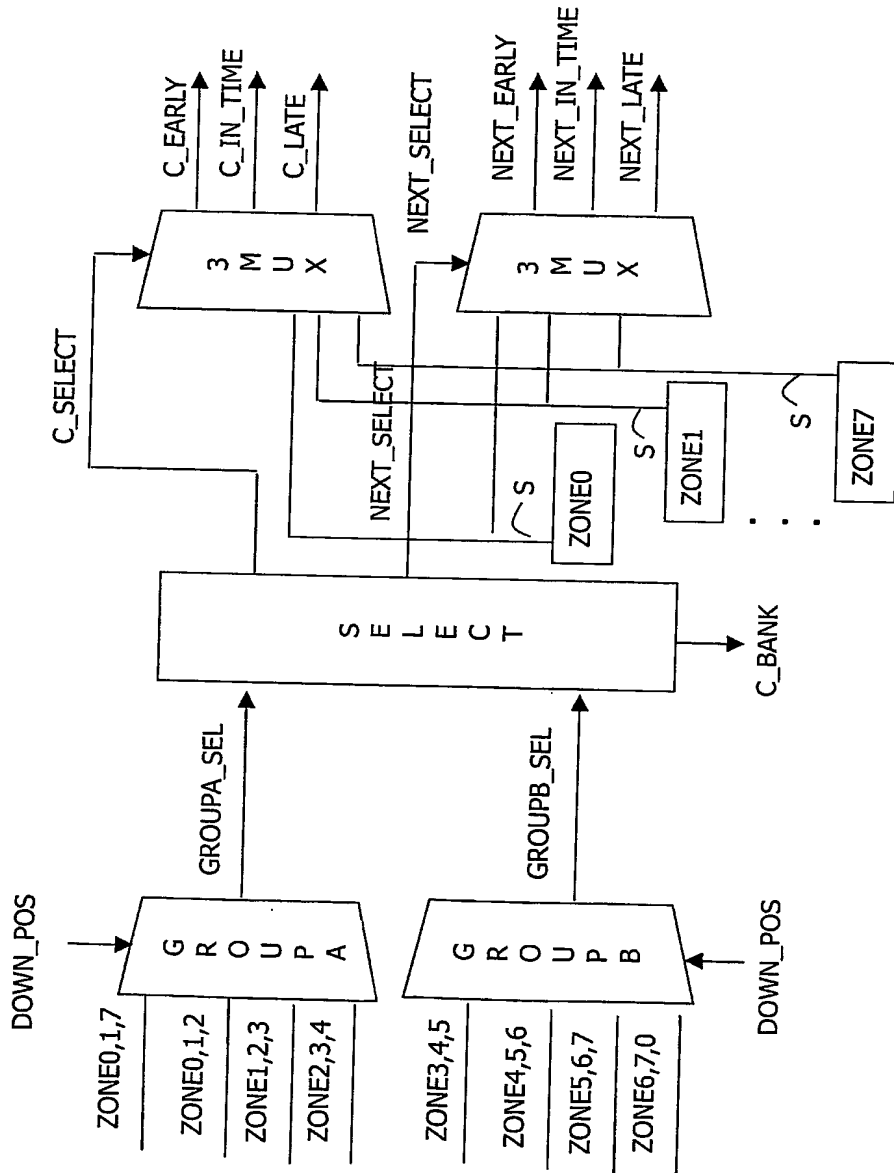


FIG.14